

+++++

> From: Trolinger, Joan
> Sent: Thursday, April 19, 2001 07:47 PM
> To: Stinson, Henry P
> Subject: You missed some excitement on Thursday...

>

> Henry -

>

> You missed some excitement on Thursday at 40 minutes before launch
> and even fewer minutes before "Go for Launch" polling when I got a
> fanatic call for the MR Board secretarial assistant who stated an MR Board
> was to be held in 5 minutes! Well I grabbed a pen, a pad of paper and on
> my way to the elevator saw Mr. Cannon to tell him the first statement of
> this message. ANYWAY, I attended the MRB on ALL SSME combustion devices
> nozzles since the dawn of SSME! It seems that the Rocketdyne nozzle
> planning failed to include a drawing required dye pentrant inspection.
> This inspection was to be done on the nozzle steerhorn-tee block which
> undergoes EDM prior to having the steerhorn legs/tubes welded to it.
> After the weld another dye pentrant inspection is preformed, but this
> inspection is only on the O.D. Therefore the I.D. of the tee at the area
> where the weld is later performed did not receive an inspection for
> removed re-cast layer and such after the EDM. Because the Program has
> many nozzles that have been started very many times and for very many
> seconds with no problems with the tees and all the nozzles were all build
> to the same planning -- fleet leader rules and the fact that the missed
> inspection applied to the certification series nozzles, it was decided
> that the STS-100 Flight SSME nozzles could be "Used As Is." The MR was
> signed shortly before the "Go for Launch" polling and therefore, SSME was
> a "GO." After the MRB, I had just enough time to get from 4202 where the
> MRB was held to our area in 4203 where I got the television on and running
> in the conference room 5004. The countdown clock was on "T minus 1.15
> Seconds" when the television revealed its picture. Well, the Shuttle
> launched while me and many others were watching. The weather was very
> clear and the camera tracked the Shuttle until just shy of 7 minutes into
> the Flight. We all waited until MECO and returned to work. Like I said,
> you missed some excitement on Thursday!

>

> - joan [18) X <-- smiling me in hat & bow tie

+++++

END OF ATTACHED eMAIL -- END OF ENTIRE eMAIL